

IN THE CLAIMS:

Claims 1-11 and 15-19 are withdrawn.

12. (currently amended) Valve-stroke controls for continuously varying the stroke of a valve and for maintaining valves constantly closed in an internal combustion engine while the engine is in operation, comprising: ~~characterized in that a~~ setting disk ~~//51//~~ mounted in a bearing ~~54 that is~~ fastened to ~~//the//~~ a cylinder head, ~~whereby the said~~ setting disk ~~53 has~~ having an eccentric axis ~~//58//~~; rotating locker levers ~~(59)~~ are mounted around the said axis on each side of ~~//the//~~ said setting disk ~~//52//~~; and ~~the rocker levers are driven by a~~ cam ~~//61//~~ mounted on a first roller, ~~(60), whereby the said~~ rocker levers ~~(59), with their~~ having downward structures ~~(62 & 63) drive~~ driving the rocker levers ~~//64//~~ that actuate the valves by way of ~~their~~ a second roller having an axis around which said setting disk is rotatable, one of said structures maintaining the valves constantly closed and being in form of a positively circular arc with first (65), whereby the setting disk (52) rotates around the same axis as the rollers (65), whereby the structures (63) that maintain the valves constantly closed are in the form of a positively circular arc, its radius //R1// radiating out of a center situated along the an axis of rotation of its own rocker lever, and whereby the said second roller having a second radius, a distance //2// between the common axis of rotation of the setting disk //52// and of the second roller //65// on the one hand and the axis //58// of the setting disk //52// on the other hand is the sum of the two radii: first radius and the second radius.

13. (currently amended) Valve-stroke controls as defined in Claim 12, ~~characterized in that,~~ wherein when only one valve ~~//51//~~ is to be actuated, the setting mechanism is in ~~//the//~~ form of two setting disks ~~//52//~~ or setting levers ~~//83//~~, between which a rocker lever ~~//59//~~ actuated by a cam ~~//61//~~

rotates around an axis extending between the two setting disks ~~++(52)++~~ and, when three valves ~~++(51)++~~ are to be actuated, rocker levers ~~++(59)++~~ actuated by a cam ~~++(61)++~~ rotate around an axis ~~++(58)++~~ extending out of the a surface of the setting disk.

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14. (currently amended) Valve-stroke controls as ~~in one or more of claims 12, 13 or 20 characterized in that by means of adjacent and oppositely oriented rocker levers (63)~~ appropriately defined in claim 13, wherein said rocker levers are adjacent and oppositely oriented and positioned on at least two axes ++(58)++ of the said setting disks ++(52)++ or setting levers ++(63)++ on the setting disk, (52), the said valves are being actuated by various cams ++(61)++ in sequence, in that, as the setting disk ++(52)++ revolves, one group of rocker levers ++(59)++, pointing along one sense of rotation, becomes available for engagement whereas another group, of rocker levers ++(59)++, pointing in the other an opposite sense, simultaneously withdraws from the range of possible engagement with the cams.

20. (currently amended) Valve-stroke controls for continuously varying the length of the stroke and for maintaining the valves constantly closed in an internal-combustion engine while the engine is in operation, comprising characterized by a setting component that pivots pivoting in a bearing block ++(54)++ fastened to ++the++ a cylinder head, (53), whereby the axis (58) of the said setting component is eccentric, whereby having an eccentric axis; at least one rocker lever (59) rotates rotating around the axis and actuated by a cam ++(61)++, mounted on a roller, (60), whereby the said rocker lever (59) is provided with having structures (62+63) that actuate actuating other rocker levers ++(64)++ by way of first rollers, (65) and whereby the said other rocker levers actuating

actuate said valves, ~~(51)~~, and whereby the said axis of rotation of ~~the~~ said setting component ~~is~~ being also the axis of rotation of ~~the~~ said rollers, one of said ~~whereby the~~ structures ~~(63)~~ that maintain maintaining the valves ~~the~~ constantly closed ~~are in the~~ being in form of a positive circular arc, said ~~whereby the radius (R1) of the arc extends~~ arc having a second radius extending out of a center located in the axis of rotation of its rocker lever ~~(59)~~, and whereby the sum of first and second radii the radii ~~(R1+R2)~~ of the rollers ~~(65)~~ equals equal the distance ~~the~~ between the common axis of rotation of the setting component ~~the~~ and of the rollers ~~(63)~~ first roller on the one hand and of the axis ~~(58)~~ and of the setting component on the other.